

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 10 of 27 returned.**☐ 1. Document ID: US 6044842 A

L2: Entry 1 of 27

File: USPT

Apr 4, 2000

US-PAT-NO: 6044842

DOCUMENT-IDENTIFIER: US 6044842 A

TITLE: Gasketless connecting adapter

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pereira; Michael	Lincoln	RI	02865	N/A
Jarry; David	Woonsocket	RI	02895	N/A
Ricci; Anthony	Cranston	RI	02921	N/A

US-CL-CURRENT: 128/202.27; 128/206.17, 55/DIG.33, 95/286, 95/287, 96/133

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 2. Document ID: US 6045820 A

L2: Entry 2 of 27

File: USPT

Apr 4, 2000

US-PAT-NO: 6045820

DOCUMENT-IDENTIFIER: US 6045820 A

TITLE: Iodine/resin disinfectant a procedure for the preparation thereof

DATE-ISSUED: April 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Messier; Pierre Jean	Quebec	N/A	N/A	CAX

US-CL-CURRENT: 424/443; 128/888, 424/447, 424/484, 424/486, 424/78.1,
521/28, 602/42, 602/43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 5992414 A

L2: Entry 3 of 27

File: USPT

Nov 30, 1999

US-PAT-NO: 5992414

DOCUMENT-IDENTIFIER: US 5992414 A

TITLE: Respirator filter

DATE-ISSUED: November 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tayebi; Amad	Westford	MA	N/A	N/A
Mithal; Ashish K.	Lowell	MA	N/A	N/A
Saati; George S.	Billerica	MA	N/A	N/A
Cormier; Scott W.	Windham	NH	N/A	N/A

US-CL-CURRENT: 128/205.27; 128/206.16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 4. Document ID: US 5579761 A

L2: Entry 4 of 27

File: USPT

Dec 3, 1996

US-PAT-NO: 5579761

DOCUMENT-IDENTIFIER: US 5579761 A

TITLE: Respirator having snap-fit filter cartridge

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yuschak; Gregory	Hudson	WI	N/A	N/A
Rekow; Peter O.	Woodbury	MN	N/A	N/A
Holmquist-Brown; Thomas W.	St. Paul	MN	N/A	N/A

US-CL-CURRENT: 128/206.17; 128/201.25, 128/202.27, 128/206.12, 128/206.28

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 5. Document ID: US 5575279 A

L2: Entry 5 of 27

File: USPT

Nov 19, 1996

US-PAT-NO: 5575279

DOCUMENT-IDENTIFIER: US 5575279 A

TITLE: Dual-filtered rotary isolation valve for resuscitation

DATE-ISSUED: November 19, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beplate; Douglas K.	Washington	UT	N/A	N/A

US-CL-CURRENT: 128/203.11; 128/202.28, 128/202.29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 6. Document ID: US 5427090 A

L2: Entry 6 of 27

File: USPT

Jun 27, 1995

US-PAT-NO: 5427090

DOCUMENT-IDENTIFIER: US 5427090 A

TITLE: Portable breathing apparatus for an enclosed space

DATE-ISSUED: June 27, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hipskind; Donald W.	Lake In The Hills	IL	60102	N/A
VanReeth; Philip J.	Huntley	IL	60142	N/A

US-CL-CURRENT: 128/205.12; 128/201.25, 128/202.27, 128/205.25, 128/205.27

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 7. Document ID: US 5372130 A

L2: Entry 7 of 27

File: USPT

Dec 13, 1994

US-PAT-NO: 5372130

DOCUMENT-IDENTIFIER: US 5372130 A

TITLE: Face mask assembly and method having a fan and replaceable filter

DATE-ISSUED: December 13, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stern; Donald J.	Bellingham	WA	N/A	N/A
Tryon; James A.	Seattle	WA	N/A	N/A

US-CL-CURRENT: 128/205.25; 128/206.17, 128/207.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 8. Document ID: US H001361 H

L2: Entry 8 of 27

File: USPT

Oct 4, 1994

US-PAT-NO: H001361

DOCUMENT-IDENTIFIER: US H001361 H

TITLE: Softshell protective mask

DATE-ISSUED: October 4, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tardiff, Jr.; Albert N.	Germantown	MD	N/A	N/A
Grove; Corey M.	Red Lion	PA	N/A	N/A

US-CL-CURRENT: 128/206.12; 128/207.11, 2/205, 2/427

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 9. Document ID: US 5226412 A

L2: Entry 9 of 27

File: USPT

Jul 13, 1993

US-PAT-NO: 5226412

DOCUMENT-IDENTIFIER: US 5226412 A

TITLE: Emergency respirator

DATE-ISSUED: July 13, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Winters; Alva B.	Little Rock	AR	72211	N/A

US-CL-CURRENT: 128/206.12; 128/205.29, 128/206.21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FORM	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 10. Document ID: US 5224474 A

L2: Entry 10 of 27

File: USPT

Jul 6, 1993

US-PAT-NO: 5224474

DOCUMENT-IDENTIFIER: US 5224474 A

TITLE: Retrofitting gas mask voice amplifier unit with easily actuated switch means

DATE-ISSUED: July 6, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bloomfield; John W.	Hilton Head	SC	29928	N/A

US-CL-CURRENT: 128/201.19; 128/206.17, 381/122, 381/367

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FORM	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

[Generate Collection](#)

Terms	Documents
11 and ((128/\$)!CCLS.)	27

[Display](#)[10](#)

Documents, starting with Document:

[11](#)**Display Format:**[CIT](#)[Change Format](#)

WEST[Generate Collection](#)

Search Results - Record(s) 11 through 20 of 27 returned.

☐ 11. Document ID: US 5094236 A

L2: Entry 11 of 27

File: USPT

Mar 10, 1992

US-PAT-NO: 5094236

DOCUMENT-IDENTIFIER: US 5094236 A

TITLE: Face mask

DATE-ISSUED: March 10, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tayebi; Amad	Westford	MA	N/A	N/A

US-CL-CURRENT: 128/206_12; 128/206_21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 12. Document ID: US 5080094 A

L2: Entry 12 of 27

File: USPT

Jan 14, 1992

US-PAT-NO: 5080094

DOCUMENT-IDENTIFIER: US 5080094 A

TITLE: Face mask

DATE-ISSUED: January 14, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tayebi; Amad	Westford	MA	N/A	N/A

US-CL-CURRENT: 128/205_29; 128/206_12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 13. Document ID: US 5005568 A

L2: Entry 13 of 27

File: USPT

Apr 9, 1991

US-PAT-NO: 5005568
DOCUMENT-IDENTIFIER: US 5005568 A

TITLE: Isolation valve

DATE-ISSUED: April 9, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Loescher; Thomas C.	Encinitas	CA	N/A	N/A
Shanks; Thomas P.	Temecula	CA	N/A	N/A
Garcia; Henry E.	Homeland	CA	N/A	N/A

US-CL-CURRENT: 128/202.28; 128/203.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 14. Document ID: US 4981134 A

L2: Entry 14 of 27

File: USPT

Jan 1, 1991

US-PAT-NO: 4981134
DOCUMENT-IDENTIFIER: US 4981134 A

TITLE: Filtering face mask with inhalation/exhalation check valves

DATE-ISSUED: January 1, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Courtney; Darryl W.	Arlington	VA	22204	N/A

US-CL-CURRENT: 128/207.12; 128/206.15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 15. Document ID: US 4945907 A

L2: Entry 15 of 27

File: USPT

Aug 7, 1990

US-PAT-NO: 4945907
DOCUMENT-IDENTIFIER: US 4945907 A

TITLE: Face mask

DATE-ISSUED: August 7, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tayebi; Amad	Westford	MA	N/A	N/A

US-CL-CURRENT: 128/206.12; 128/206.15, 128/206.17, 128/206.28

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	EXMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 16. Document ID: US 4917081 A

L2: Entry 16 of 27

File: USPT

Apr 17, 1990

US-PAT-NO: 4917081

DOCUMENT-IDENTIFIER: US 4917081 A

TITLE: Portable emergency breathing apparatus

DATE-ISSUED: April 17, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bartos; Josef A.	Diamond Bar	CA	N/A	N/A

US-CL-CURRENT: 128/205.12; 128/205.17, 128/205.22, 128/205.24, 128/205.29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	EXMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 17. Document ID: US 4856508 A

L2: Entry 17 of 27

File: USPT

Aug 15, 1989

US-PAT-NO: 4856508

DOCUMENT-IDENTIFIER: US 4856508 A

TITLE: Face mask

DATE-ISSUED: August 15, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tayebi; Amad	Westford	MA	N/A	N/A

US-CL-CURRENT: 128/206.12; 128/206.15, 128/206.17, 128/206.28

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 18. Document ID: US 4794923 A

L2: Entry 18 of 27

File: USPT

Jan 3, 1989

US-PAT-NO: 4794923

DOCUMENT-IDENTIFIER: US 4794923 A

TITLE: Portable emergency breathing apparatus

DATE-ISSUED: January 3, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bartos; Josef A.	Diamond Bar	CA	N/A	N/A

US-CL-CURRENT: 128/205.24; 128/205.12, 137/495

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 19. Document ID: US 4750485 A

L2: Entry 19 of 27

File: USPT

Jun 14, 1988

US-PAT-NO: 4750485

DOCUMENT-IDENTIFIER: US 4750485 A

TITLE: Portable emergency breathing apparatus

DATE-ISSUED: June 14, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bartos; Josef A.	Diamond Bar	CA	N/A	N/A

US-CL-CURRENT: 128/205.24; 128/204.26, 137/495

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 20. Document ID: US 4744357 A

L2: Entry 20 of 27

File: USPT

May 17, 1988

US-PAT-NO: 4744357

DOCUMENT-IDENTIFIER: US 4744357 A

TITLE: Portable emergency breathing apparatus

DATE-ISSUED: May 17, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bartos; Josef A.	Diamond Bar	CA	N/A	N/A

US-CL-CURRENT: 128/205.12; 128/202.26, 128/205.17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

[Generate Collection](#)

Terms	Documents
11 and ((128/\$)!.CCLS.)	27

[Display](#)

10

Documents, starting with Document:

21

Display Format:[CIT](#)[Change Format](#)

WEST[Generate Collection](#)

Search Results - Record(s) 21 through 27 of 27 returned.

☐ 21. Document ID: US 4606670 A

L2: Entry 21 of 27

File: USPT

Aug 19, 1986

US-PAT-NO: 4606670

DOCUMENT-IDENTIFIER: US 4606670 A

TITLE: Fixing rigid inserts in flexible material

DATE-ISSUED: August 19, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Angell; Cyril N. E.	Trowbridge	N/A	N/A	GB2

US-CL-CURRENT: 403/291; 128/206_23, 2/429, 403/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 22. Document ID: US 4501272 A

L2: Entry 22 of 27

File: USPT

Feb 26, 1985

US-PAT-NO: 4501272

DOCUMENT-IDENTIFIER: US 4501272 A

TITLE: Mask

DATE-ISSUED: February 26, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shigematsu; Kaisaburo	Urawa	N/A	N/A	JPX
Shigematsu; Nobuo	Urawa	N/A	N/A	JPX
Okubo; Yukio	Kasukabe	N/A	N/A	JPX

US-CL-CURRENT: 128/206_15; 128/206_17

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 23. Document ID: US 4494538 A

L2: Entry 23 of 27

File: USPT

Jan 22, 1985

US-PAT-NO: 4494538

DOCUMENT-IDENTIFIER: US 4494538 A

TITLE: Mask assembly

DATE-ISSUED: January 22, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ansite; William K.	Glendale	CA	N/A	N/A

US-CL-CURRENT: 128/205.25; 128/201.25, 128/202.27, 128/205.22, 128/207.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KNOW	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 24. Document ID: US 4100235 A

L2: Entry 24 of 27

File: USPT

Jul 11, 1978

US-PAT-NO: 4100235

DOCUMENT-IDENTIFIER: US 4100235 A

TITLE: Humidifier-nebulizer apparatus

DATE-ISSUED: July 11, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thornwald; Everett D.	Glenview	IL	N/A	N/A

US-CL-CURRENT: 261/142; 128/200.13, 261/122.1, 261/124, 261/DIG.65

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KNOW	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 25. Document ID: US 4061698 A

L2: Entry 25 of 27

File: USPT

Dec 6, 1977

US-PAT-NO: 4061698

DOCUMENT-IDENTIFIER: US 4061698 A

TITLE: Humidifier-nebulizer apparatus

DATE-ISSUED: December 6, 1977

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thornwald; Everett D.	Glenview	IL	N/A	N/A

US-CL-CURRENT: 261/78.2; 128/200.13, 261/122.1, 261/124, 261/DIG.65

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWD	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 26. Document ID: US 3990439 A

L2: Entry 26 of 27

File: USPT

Nov 9, 1976

US-PAT-NO: 3990439

DOCUMENT-IDENTIFIER: US 3990439 A

TITLE: Protective breathing apparatus and valve therefor

DATE-ISSUED: November 9, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Klinger; Guy G.	Shillington	PA	N/A	N/A

US-CL-CURRENT: 128/207.12; 137/854, 251/172, 251/333

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWD	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 27. Document ID: US 3690317 A

L2: Entry 27 of 27

File: USPT

Sep 12, 1972

US-PAT-NO: 3690317
DOCUMENT-IDENTIFIER: US 3690317 A

TITLE: SONIC NEBULIZER

DATE-ISSUED: September 12, 1972

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Millman; William V.	Davenport	IA	N/A	N/A

US-CL-CURRENT: 128/200.16; 239/102.1, 261/DIG.48, 261/DIG.65, 310/323.01,
310/357

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
11 and ((128/\$)!.CCLS.)	27

Display

10

Documents, starting with Document:

27

Display Format:

CIT

Change Format

=> d 16 1-60 cit

1. 5,836,301, Nov. 17, 1998, Surgical smoke evacuator filter mounting structure; Steven E. Holian, et al., 128/205.12, 205.27, 205.29 [IMAGE AVAILABLE]
2. 5,829,447, Nov. 3, 1998, Method and apparatus for thoracoscopic intracardiac procedures; John H. Stevens, et al., 128/898; 600/374; 607/122 [IMAGE AVAILABLE]
3. 5,829,434, Nov. 3, 1998, Inhaler for powdered medications; Thomas J. Ambrosio, et al., 128/203.15, 200.18, 203.12 [IMAGE AVAILABLE]
4. 5,800,402, Sep. 1, 1998, Catheter anchoring system and method of use; Steven F. Bierman, 604/180; 128/DIG.26; 604/174 [IMAGE AVAILABLE]
5. 5,772,624, Jun. 30, 1998, Reusable blood lines; David S. Utterberg, et al., 604/4; 128/898; 210/636, 646 [IMAGE AVAILABLE]
6. 5,758,660, Jun. 2, 1998, Sterile environment enclosure; Oddvin Lokken, 128/877, 888, DIG.26; 604/164 [IMAGE AVAILABLE]
7. 5,740,792, Apr. 21, 1998, Inhaler for powdered medications with gear-teeth counter assembly; Charles R. Ashley, et al., 128/203.15; 116/299, 317; 128/202.22, 205.23; 222/29, 38 [IMAGE AVAILABLE]
8. 5,724,986, Mar. 10, 1998, Casing and spirometer for metered dose inhaler; William C. Jones, Jr., et al., 600/538; 128/200.14, 201.26, 201.28; 604/45 [IMAGE AVAILABLE]
9. 5,687,710, Nov. 18, 1997, Inhaler for powdered medications having spiral deagglomeration chamber; Thomas J. Ambrosio, et al., 128/203.15, 200.18, 203.12 [IMAGE AVAILABLE]
10. 5,579,761, Dec. 3, 1996, Respirator having **snap-fit** filter cartridge; Gregory Yuschak, et al., 128/206.17, 201.25, 202.27, 206.12, 206.28 [IMAGE AVAILABLE]
11. 5,577,495, Nov. 26, 1996, Helmet respirator apparatus; Terence W. D. Murphy, 128/201.24, 201.22, 201.25 [IMAGE AVAILABLE]
12. 5,575,279, Nov. 19, 1996, Dual-filtered rotary isolation valve for resuscitation; Douglas K. Beplate, 128/203.11, 202.28, 202.29 [IMAGE AVAILABLE]
13. 5,505,214, Apr. 9, 1996, Electrical smoking article and method for making same; Alfred L. Collins, et al., 131/194; 128/202.21 [IMAGE AVAILABLE]
14. 5,456,248, Oct. 10, 1995, Surgical smoke evacuator; Steven E. Holian, et al., 128/205.12, 205.27, 205.29 [IMAGE AVAILABLE]
15. 5,445,160, Aug. 29, 1995, Portable carbon dioxide monitor; John A. Culver, et al., 600/532; 128/205.23, 207.14 [IMAGE AVAILABLE]
16. 5,427,090, Jun. 27, 1995, Portable breathing apparatus for an enclosed space; Donald W. Hipskind, et al., 128/205.12, 201.25, 202.27, 205.25, 205.27 [IMAGE AVAILABLE]

17. 5,411,705, May 2, 1995, Combined cardiectomy and venous blood reservoir; Eric J. Thor, et al., 422/45; 128/DIG.3; 210/436; 422/44, 46, 47; 604/4, 122, 126, 317 [IMAGE AVAILABLE]
18. 5,394,868, Mar. 7, 1995, Inhalation device for powdered medicaments; Thomas J. Ambrosio, et al., 128/203.15, 203.23 [IMAGE AVAILABLE]
19. 5,388,594, Feb. 14, 1995, Electrical smoking system for delivering flavors and method for making same; Mary E. Counts, et al., 131/329; 128/202.21, 203.27; 131/194, 271 [IMAGE AVAILABLE]
20. 5,372,130, Dec. 13, 1994, Face mask assembly and method having a fan and replaceable filter; Donald J. Stern, et al., 128/205.25, 206.17, 207.11 [IMAGE AVAILABLE]
21. H 1,361, Oct. 4, 1994, Softshell protective mask; Albert N. Tardiff, Jr., et al., 128/206.12; 2/205, 427; 128/207.11 [IMAGE AVAILABLE]
22. 5,324,518, Jun. 28, 1994, Implantable structure for containing substances for delivery to a body; Jeffrey L. Orth, et al., 424/423; 128/899; 424/424; 604/93, 175, 890.1, 891.1 [IMAGE AVAILABLE]
23. 5,263,935, Nov. 23, 1993, Pressurized fluid dispenser; Stephen R. Hessel, 604/132; 128/DIG.12; 604/131, 133 [IMAGE AVAILABLE]
24. 5,240,677, Aug. 31, 1993, Hollow fiber blood oxygenator; Kenneth A. Jones, et al., 422/46; 128/DIG.3; 210/321.74, 321.79, 321.83, 321.88, 487, 497.1; 261/DIG.28; 422/48 [IMAGE AVAILABLE]
25. 5,226,412, Jul. 13, 1993, Emergency respirator; Alva B. Winters, 128/206.12, 205.29, 206.21 [IMAGE AVAILABLE]
26. 5,224,474, Jul. 6, 1993, Retrofitting gas mask voice amplifier unit with easily actuated switch means; John W. Bloomfield, 128/201.19, 206.17; 381/122, 367 [IMAGE AVAILABLE]
27. 5,209,233, May 11, 1993, Temperature sensing and control system for cardiac monitoring electrodes; G. Neil Holland, et al., 600/412; 128/901 [IMAGE AVAILABLE]
28. 5,120,315, Jun. 9, 1992, Pressurized fluid dispenser; Stephen R. Hessel, 604/132; 128/DIG.12 [IMAGE AVAILABLE]
29. 5,094,236, Mar. 10, 1992, Face mask; Amad Tayebi, 128/206.12, 206.21 [IMAGE AVAILABLE]
30. 5,080,094, Jan. 14, 1992, Face mask; Amad Tayebi, 128/205.29, 206.12 [IMAGE AVAILABLE]
31. 5,038,769, Aug. 13, 1991, Method and apparatus for treating ailments; Robert S. Krauser, 128/203.27, 204.17 [IMAGE AVAILABLE]
32. 5,011,477, Apr. 30, 1991, Continuous/bolus infusor; David A. Winchell, et al., 604/132; 128/DIG.12; 604/151, 246 [IMAGE AVAILABLE]
33. 5,005,568, Apr. 9, 1991, Isolation valve; Thomas C. Loescher, et al., 128/202.28, 203.11 [IMAGE AVAILABLE]
34. 4,981,134, Jan. 1, 1991, Filtering face mask with inhalation/exhalation check valves; Darryl W. Courtney, 128/207.12, 206.15 [IMAGE AVAILABLE]
35. 4,945,907, Aug. 7, 1990, Face mask; Amad Tayebi, 128/206.12, 206.15, 206.17, 206.28 [IMAGE AVAILABLE]

36. 4,921,642, May 1, 1990, Humidifier module for use in a gas humidification assembly; Gary J. LaTorraca, 261/142; 128/203.27, 205.12; 261/66, 104; 392/386 [IMAGE AVAILABLE]
37. 4,917,081, Apr. 17, 1990, Portable emergency breathing apparatus; Josef A. Bartos, 128/205.12, 205.17, 205.22, 205.24, 205.29 [IMAGE AVAILABLE]
38. 4,915,693, Apr. 10, 1990, Pressurized fluid dispenser; Stephen R. Hessel, 604/132; 128/DIG.12 [IMAGE AVAILABLE]
39. 4,906,261, Mar. 6, 1990, Smoke evacuation system; Reza S. Mohajer, 96/225; 55/356, 385.1, 466, 467, 482, 528; 96/226, 227, 351; 128/205.12, 205.29 [IMAGE AVAILABLE]
40. 4,889,131, Dec. 26, 1989, Portable belt monitor of physiological functions and sensors therefor; Robert J. Salem, et al., 600/484; 128/903; 600/390, 513, 534 [IMAGE AVAILABLE]
41. 4,856,508, Aug. 15, 1989, Face mask; Amad Tayebi, 128/206.12, 206.15, 206.17, 206.28 [IMAGE AVAILABLE]
42. 4,817,598, Apr. 4, 1989, Tracheostomy tube with ring pull removable inner cannula; Denis LaBombard, 128/207.14; D24/110.5 [IMAGE AVAILABLE]
43. 4,794,923, Jan. 3, 1989, Portable emergency breathing apparatus; Josef A. Bartos, 128/205.24, 205.12; 137/495 [IMAGE AVAILABLE]
44. 4,750,485, Jun. 14, 1988, Portable emergency breathing apparatus; Josef A. Bartos, 128/205.24, 204.26; 137/495 [IMAGE AVAILABLE]
45. 4,744,357, May 17, 1988, Portable emergency breathing apparatus; Josef A. Bartos, 128/205.12, 202.26, 205.17 [IMAGE AVAILABLE]
46. 4,699,136, Oct. 13, 1987, Method and apparatus for treating ailments; Robert S. Krauser, 128/203.22, 203.27, 204.17 [IMAGE AVAILABLE]
47. 4,691,701, Sep. 8, 1987, Carbon dioxide detector; R. Tudor Williams, 128/207.14; 422/85 [IMAGE AVAILABLE]
48. 4,606,670, Aug. 19, 1986, Fixing rigid inserts in flexible material; Cyril N. E. Angell, 403/291; 2/429; 128/206.23; 403/50 [IMAGE AVAILABLE]
49. 4,523,589, Jun. 18, 1985, Method and apparatus for treating ailments; Robert S. Krauser, 128/203.27, 204.17 [IMAGE AVAILABLE]
50. 4,501,272, Feb. 26, 1985, Mask; Kaisaburo Shigematsu, et al., 128/206.15, 206.17 [IMAGE AVAILABLE]
51. 4,494,538, Jan. 22, 1985, Mask assembly; William K. Ansite, 128/205.25, 201.25, 202.27, 205.22, 207.11 [IMAGE AVAILABLE]
52. 4,465,485, Aug. 14, 1984, Suction canister with unitary shut-off valve and filter features; James S. Kashmer, et al., 604/320; 96/403; 128/205.12 [IMAGE AVAILABLE]
53. 4,100,235, Jul. 11, 1978, Humidifier-nebulizer apparatus; Everett D. Thornwald, 261/142; 128/200.13; 261/122.1, 124, DIG.65 [IMAGE AVAILABLE]
54. 4,061,698, Dec. 6, 1977, Humidifier-nebulizer apparatus; Everett D. Thornwald, 261/78.2; 128/200.13; 261/122.1, 124, DIG.65 [IMAGE AVAILABLE]
55. 3,990,439, Nov. 9, 1976, Protective breathing apparatus and valve therefor; Guy G. Klinger, 128/207.12; 137/854; 251/172, 333 [IMAGE AVAILABLE]

AVAILABLE]

56. 3,954,920, May 4, 1976, Gas humidification system; Walter I. Heath, 261/104; 128/203.27, 204.13; 261/142, 154, DIG.65; 392/390 [IMAGE AVAILABLE]

57. 3,929,128, Dec. 30, 1975, Disposable humidifier; Michael O. Pekkarinen, 128/200.11; 239/370 [IMAGE AVAILABLE]

58. 3,857,909, Dec. 31, 1974, GAS NEBULIZING APPARATUS; James A. Huggins, 261/64.1; 128/200.18; 261/78.2, DIG.65 [IMAGE AVAILABLE]

59. 3,834,385, Sep. 10, 1974, DISPOSABLE HUMIDIFIER; Michael O. Pekkarinen, 128/200.11; 239/370; 261/DIG.65 [IMAGE AVAILABLE]

60. 3,825,000, Jul. 23, 1974, DISPOSABLE HUMIDIFIER; James A. Huggins, 128/200.11; 239/370; 261/78.2 [IMAGE AVAILABLE]

=> d 16 1,11,14,16,20,21,25,26,29,34,35,39,41,45,50,51 kwic

US PAT NO: 5,836,301 [IMAGE AVAILABLE]

L6: 1 of 60

DETDESC:

DETD(25)

Another . . . to a dome 86 by a plurality of snap tabs 85. The bottom wall 81 and the dome 83 are **snap fit** at the tabs 85 and together form a chamber 86 which initially receives the surgical smoke through the intake hose. . .

US PAT NO: 5,577,495 [IMAGE AVAILABLE]

L6: 11 of 60

DETDESC:

DETD(7)

The . . . filter element 25A releasably mounted on a rigid holder 25B which incorporates the air inlet grille and is a releasable **snap fit** to the aperture 24 formed in the outer shell 18. Alternatively, as is illustrated in FIG. 5, the filter 25. . .

US PAT NO: 5,456,248 [IMAGE AVAILABLE]

L6: 14 of 60

DETDESC:

DETD(25)

Another . . . to a dome 86 by a plurality of snap tabs 85. The bottom wall 81 and the dome 83 are **snap fit** at the tabs 85 and together form a chamber 86 which initially receives the surgical smoke through the intake hose. . .

US PAT NO: 5,427,090 [IMAGE AVAILABLE]

L6: 16 of 60

ABSTRACT:

A . . . which covers a person's face. An air source motor is connected to the mask by a hose separable by a **snap fit** device mounted on a belt to be worn around the waist of the mask wearer. The hose is long enough. . .

SUMMARY:

BSUM(25)

These . . . providing a breathing apparatus to pass air to a mask. An air source motor connected by a hose to a **snap fit** device mounted on a belt to be worn. The hose is flexible and easily controlled due to an easily disconnection of the **snap fit** device. A second hose section mounted at the belt to the **snap fit** device runs to mask.

DETDESC:

DETD(6)

A **snap fit** for quick release of the hose from the blower is

secured to the belt of the user. This avoids pressure. . .

DETDESC:

DETD(7)

With the **snap fit** for the quick release, a belt ring is mounted on a dual ended male piece. The dual ended male piece. . .

DETDESC:

DETD(34)

FIG. . . . 206 runs from the dual ended male piece 214 to the mask 202. On the hose disconnection assembly 210, a **snap fit** is provided for the quick release of mask assembly 200 from flexible blower hose 204.

US PAT NO: 5,372,130 [IMAGE AVAILABLE]

L6: 20 of 60

DETDESC:

DETD(6)

Mounted . . . 58 that reaches in a short distance to terminate in a lip 60 that connects removably by means of a **snap fit** to the forward edge 62 of the fan housing 36. The aforementioned closure cap or plate 54 comprises a main. . . comprises a mounting collar 70 formed integrally with the plate 64 and fitting around the perimeter wall 52 in a **snap fit** or a friction fit.

US PAT NO: H 1,361 [IMAGE AVAILABLE]

L6: 21 of 60

DETDESC:

DETD(29)

In . . . coupled to the protective hood arrangement by a suitable filter change mechanism 109, which employs a state of the art **snap-fit** connect mechanism, such as a dual-button squeeze release or disconnect design, with an appropriate gasket for providing a leak-proof seal.. . .

US PAT NO: 5,226,412 [IMAGE AVAILABLE]

L6: 25 of 60

ABSTRACT:

An . . . The canister is preferably constructed of stamped sheet aluminum or plastic held together by a split U-shaped retaining ring or **snap fit** clips cast into the casings. A cover forming a plenum is also fixed in place by the retaining ring or **snap fit** clips. The cover has a bushing for connecting a mouth cover to the respirator. The mouth cover is of an. . .

SUMMARY:

BSUM(15)

The . . . is made of two casings held together by a split U-shaped retaining ring. The plastic canister is held together by **snap fit** clips cast into the casings. The cover forming the plenum is also fixed in place by the retaining ring or **snap fit** clips.

DETDESC:

DETD(11)

An . . . an "A" suffix. In the place of the "U" shaped, split retaining ring 120 the unit is held together by **snap-fit** clips 120A. These **snap-fit** clips 120A are disposed radially around the filter canister casings 40A and 50A in the place of the previously disclosed flanges 42 and 52. Additionally, the cover 60A employs similar **snap-fit** clips 121A to secure it to the inner casing 50A of the filtration canister 30A. The alternative embodiment also employs. . .

CLAIMS:

CLMS(13)

13. . . . in claim 10 wherein said means for sealingly locking said inner and outer casings and said cover means together comprises **snap fit** tabs disposed about said integral, circumferential flanges.

US PAT NO: 5,224,474 [IMAGE AVAILABLE]

L6: 26 of 60

DETDESC:

DETD(7)

FIG. . . . portion 36a outside of the ring member 36b for exhaust purposes. The rim 36d and flange 36e are sized to **snap-fit** onto the nose piece of the gas mask, as will be described in more detail hereinafter.

US PAT NO: 5,094,236 [IMAGE AVAILABLE]

L6: 29 of 60

DETDESC:

DETD(15)

The . . . or in combinations, in one location or in a plurality of locations, mechanically, frictionally, by a tight fit, by a **snap fit**, adhesively or cohesively (i.e. by interfacial melting or fusion and cosolidification), permanently or detachably.

DETDESC:

DETD(34)

In . . . 11. Rather, at least one larger hole 37 is punched through shell 11 and a collar 38 is thermobonded, friction **snap-fit** or adhesive bonded through the wall of mask shell 11 in hole 37. Alternatively, large hole 37 may be substituted. . .

US PAT NO: 4,981,134 [IMAGE AVAILABLE]

L6: 34 of 60

CLAIMS:

CLMS(1)

I . . . housing member sandwiching therebetween said filter and said valve assembly, said outer housing member and said inner housing member having cooperating **snap fit** means, operative for removably securing together as an assembled respirator unit, said outer housing member and said inner housing member. . .

CLAIMS:

CLMS(2)

2. . . .
housing member sandwiching therebetween said filter and said valve assembly,
said outer housing member and said inner housing member having cooperating **snap fit** means, operative for removably securing together as an assembled respirator unit, said outer housing member and said inner housing member. . . .

US PAT NO: 4,945,907 [IMAGE AVAILABLE]

L6: 35 of 60

DETDESC:

DETD(15)

The . . . or in combinations, in one location or in a plurality of locations, mechanically, frictionally, by a tight fit, by a **snap fit**, adhesively or cohesively (i.e. by interfacial melting or fusion and cosolidification), permanently or detachably.

DETDESC:

DETD(34)

In . . . 11. Rather, at least one larger hole 37 is punched through shell 11 and a collar 38 is thermobonded, friction **snap-fit** or adhesive bonded through the wall of mask shell 11 in hole 37. Alternatively, large hole 37 may be substituted. . . .

US PAT NO: 4,906,261 [IMAGE AVAILABLE]

L6: 39 of 60

DETDESC:

DETD(8)

Referring . . . disclosure of which is herein incorporated by reference. Additionally, the filter 36 may include an antimicrobial material. Partition 38 is **snap fit** or otherwise secured into evacuation hood 30 for holding the first filter 36 in place and includes a plurality of. . . .

DETDESC:

DETD(12)

Alternatively, . . . of the open end of hood 112. Other types of engageable communication can be employed as well, such as a **snap-fit** relationship between the two ends of hoods 110 and 112. Other types of conduit, such as rubber tubing with an. . . .

US PAT NO: 4,856,508 [IMAGE AVAILABLE]

L6: 41 of 60

DETDESC:

DETD(15)

The . . . or in combinations, in one location or in a plurality of locations, mechanically, frictionally, by a tight fit, by a **snap fit**, adhesively or cohesively (i.e. by interfacial melting or fusion and cosolidification), permanently or detachably.

DETDESC:

DETD(34)

In . . . shell 11. At least one larger hole 37 is punched through shell 11 and a collar 38 is thermobonded, friction **snap-fit** or adhesive bonded through the wall of mask shell 11 in hole 37. Alternatively, large hole 37 may be substituted. . .

US PAT NO: 4,744,357 [IMAGE AVAILABLE]

L6: 45 of 60

DETDESC:

DETD(27)

The . . . 424 by means of a mounting collar 448 which is slidably received over the flange and nut and has a **snap-fit** with the latter to retain the collar in place. An O-ring seal 450 is interposed between the inner periphery of. . . metal or suitable plastic having a mounting leg 454 apertured adjacent the closed end of the V to have a **snap-fit** interengagement with recess 452, and the corresponding wall of breathing bag 336 is apertured to be received in recess 452. . . and as best seen in FIG. 16, such communication is achieved by means of a circular collar 456 having a **snap-fit** interengagement with canister wall 338 and a **snap-fit** interengagement with the lower end of mounting leg 454 of demand valve actuator 446 with the periphery of a corresponding. . .

US PAT NO: 4,501,272 [IMAGE AVAILABLE]

L6: 50 of 60

SUMMARY:

BSUM(5)

Moreover, in case the intake chamber body 4 and the intake chamber cover 5 are connected in a **snap-fit** manner, the shape of the intake chamber may be other than a circle, in which case, however, it is difficult. . .

US PAT NO: 4,494,538 [IMAGE AVAILABLE]

L6: 51 of 60

ABSTRACT:

A . . . and the other end provided with a connector tube which, when the mask is in an inverted shape, can be **snap fit** into an annular opening in the end wall (22) of a filter (20) of the gas mask (18). The mask. . .

DETDESC:

DETD(6)

In . . . tube means 32 is forced into the annular opening in the end wall 22 of the filter 20 into a **snap fit** gas tight relationship therewith, and the pressure compensating means 38 is placed over the exhalation valve 26. The ventilator/resuscitator's operation. . .